

GENERAL MOTORS LLC

EXECUTIVE ORDER A-006-1717 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 1 of 2

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR		TEST GROUP			VEHICLE TYPE (PC=passenger car; LDT=iight-da MDV=medium-duty vehicle; LVW vehicle weight; GVW=gross	STANi (LEV=low transition	AUST EMISSION DARD CATEGORY emission vehicle; TLE al LEV; ULEV=ultra LE LEV=super ULEV)		EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)					
201	1	BGMXV06.0082			Passenger Car	USEPA Bin 4 Counted as ARB LEV2 ULEV			120K / 150K	Flexible Fuel: Ethanol (E85)/Gasoline (Tier 2 Unleaded)					
No.		APORA Mily (E		No	SPECIAL FEAT EMISSION CONTROL			* = not applicable		OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbin					
1	BGN	BGMXR0133880			2TWC(2)	, 2HO2S(2	2), SFI, OBD	(F)							
2		*				*		7	AIR MFVSFi= multiport fuel injection/sequential MFI TBl= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board						
3		*				*									
4		*		4		*					diagnostic prefix 2=parallel (2) suffix=series				
EVAI No.		ECS No.	ENGIN SIZE (VEHICLE Makes & Models			E UNDERLINED	AB	BREVIATIONS:					
1		1 6.0			CHEVROLET: CAPRICE PPV										
*	*		*			• ***									
*		•				*									

The exhaust and evaporative emission standards (STD), as requested by the manufacturer, and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG FLEET AVERAGE [g/mi]			NMOG @ RAF= * CH4 RAF = *		NMOG or	nitrogen	HCHO=for	maldehyde	PM=parti	culate ma	itter	RAF=reacti	vity adjustr	carbon mone nent factor refueling vas	2/3 D [g/test	(=2/3 day	
CER	₹T			NMHC	NMHC STD	mg=millig		mile K=1	900 miles	F=deg	rees F	ahrenheit	[™] \$FTP≃su	ppiemental fe	deral test p	rocedure	
0.03	36	0.035	CERT [g/ml]	CERT [g/ml]	[g/mi]		[g/ml]		x [g/ml]			mg/ml]		[g/ml]		x [g/ml]	
						CERT	STD	CERT	STD	CE	RT	STD	CERT	STD	CERT	STD	
		@ 50K	*	•	*	*	*		*		•	*	*	*	*	•	
	٠.,	⊚ UL	0.037 (0.032)	•	0.070 (0.070)	0.6 (0.9)	2.1 (2.1)	0.02 (0.02)	0.04		1	11 (11)		0.01 (0.01)	0.02 (0.02)	0.05 (0.05)	
	@	50°F & 4K	*	•		*	•	*	*	•	_	*	*	*	*	*	
CO [g/mi] SFTP 1 =			@ 4K (SULEV, ULEV,) or 50K (Tier 1, TLEV)		NMHC+NOx [g/ml] (composite)				NMHC [g/mi] [MHC+NOx mi] [SC03]		[g/mi] C03]	
50		SFTP 2 = (CERT	STD	CERT	STD	CERT	STD	CE	RT ST	D CEI	RT STD	CERT	STD	
CERT	(1.9)		SF	TP @ 4K	•	•	*	*	(80.0)	(0.14)	(1.	.5) (8.	0.0)	3) (0.20)	(0.7)	(2.7)	
STD	* (10.0)		SF	TP @ UL	(0.05)	(0.63)	•	*	•	*	(1.	.5) (1 1	.1) *	*	(0.7)	(3.7)	
A	E	VAPORAT	VE FAM	ILY 1	EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3					EVAPORATIVE FAMILY 4			
@ UL	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	OR	/R 3-E	2-D	RL	ORVR	
CERT	0.25	0.30	0.000	(0.01)	*	*	•	*	•	*	•	•	*	*	*	*	
STD	0.50	0.65	0.05	(0.20)	•	*	•	*	*	•	*		*	•		*	

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

BE IT FURTHER RESOLVED: The test group listed in this Executive Order is certified conditionally on the manufacturer providing test data to determine the greenhouse gas (GHG) emissions for the listed test group, expressed in grams per mile of carbon dioxide-equivalent (g/mi CO2-e), as required in section E.2.5.2 of the California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles, as amended August 4, 2005 (the Test Procedures). Manufacturer shall provide the required data within 45 days after the date of the Executive Order unless (a) an extension is granted by the Executive Officer, or (b) the manufacturer demonstrates to the satisfaction of the Executive Officer that it is exempt from determining GHG emissions for the listed test group under section E.2.5.3 (Intermediate Volume Manufacturers) or E.2.5.4 (Small Volume Manufacturers) of the Test Procedures. Failure to comply with the certification requirement to determine the GHG emissions for the listed test group may be cause for the Executive Officer to revoke the Executive Order. Vehicles in the revoked Executive Order shall be deemed uncertified and subject to penalties authorized under California law. Notwithstanding the requirement therein, the manufacturer is not required to determine GHG emissions for any medium-duty vehicles in the listed test group that are not medium-duty passenger vehicles.



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BE IT FURTHER RESOLVED: That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

This Executive Order hereby supersedes and cancels Executive Order A-006-1712 dated December 1, 2010.

Executed at El Monte, California on this ______ day of December 2010.

Annette Hebert, Chief

Mobile Source Operations Division